

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
24 March 2005 (24.03.2005)

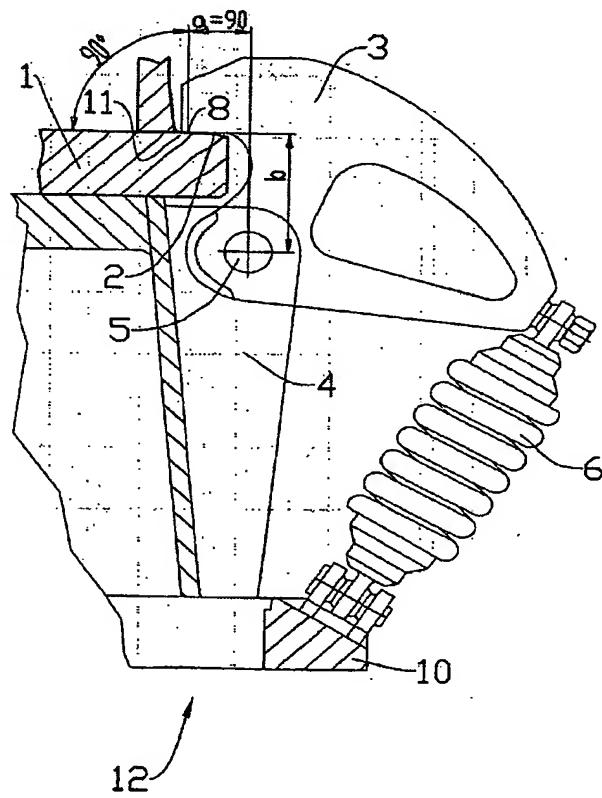
PCT

(10) International Publication Number  
**WO 2005/026601 A1**

- (51) International Patent Classification<sup>7</sup>: F16L 23/036, 37/12
- (21) International Application Number: PCT/EP2004/051573
- (22) International Filing Date: 22 July 2004 (22.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
MI2003A001772  
17 September 2003 (17.09.2003) IT
- (71) Applicant and  
(72) Inventor: BORMIOLI, Lorenzo [IT/IT]; Via Carlo Cerrato, 14, I-35100 Padova (IT).
- (74) Agent: MITTLER, Enrico; Mittler & C. s.r.l., Viale Lombardia, 20, I-20131 Milano (IT).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: COUPLABLE FLANGE WITH CLAMPING JAWS FOR THE CONNECTION OF PIPES FOR THE TRANSPORT OF PETROCHEMICAL FLUIDS, GASES AND LIQUEFIED GASES



(57) Abstract: A flange (1) for pipes for the transport of petrochemical fluids, gases and liquefied gases is described, having a bearing surface (11) for clamping jaw (3), which has a peripheral portion (2) bevelled in the direction of support of the jaw (3). Said peripheral bevelled portion (2) is preferably a curved surface.

WO 2005/026601 A1



**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*